

VIKAS MUNUGANTI

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EDUCATION

ACE Engineering College (ACEG), Hyderabad

Bachelors of Technology- Computer Science and Engineering(Data Science)

S.R. JR College, NIZAMABAD

Intermediate - MPC

Zilla Parishad High School, Konasamundhar

SSC - 10th

Nov 2022-Jul 2026

CGPA: 8.83 / 10

Jun 2020-Mar 2022

Percentage: 93.3%

Jun 2019-Mar 2020

CGPA: 10

SKILLS

Programming Languages: Java , C, Python

Database: SQL

Tools: Power BI, VS code

Web Development: HTML, CSS, JavaScript

Areas of Interest: Data Structures and Algorithms , Operating System , Objected Oriented Programming , DBMS , Complexity analysis

PROJECTS

AI-POWERED CODE REVIEWER

Domain: Tech Stack: MERN (MongoDB, Express.js, React, Node.js), AI/LLM Integration

- Developed a full-stack application that enables users to submit code for automated AI-based review.
- Implemented intelligent error detection and improvement suggestions using AI-driven analysis.
- Addressed key development challenges such as error handling, code formatting, CORS, deployment, and UI responsiveness.
- Enhanced code quality and efficiency by automating the review workflow and reducing manual effort.
- Integrated frontend and backend seamlessly to deliver real-time, user-friendly feedback.

PLANT DISEASE DETECTION

Domain: Deep Learning (CNN) | Language: Python

- Developed a deep learning model using Convolutional Neural Networks (CNN) to automatically detect plant diseases from leaf images.
- Replaced traditional manual feature extraction with CNN-based feature learning for improved accuracy and efficiency.
- Enabled early detection and diagnosis of plant diseases, helping reduce crop loss and support timely treatment in agriculture.
- Addressed key challenges in traditional methods by automating image analysis and improving model performance through training on diverse datasets.

CODING PROFILES

Hackerrank : 22AG1A6744 (3 Star Rating)

Leetcode : VikasMunuganti (rating : 1083)

CodeChef: vikasmunuganti (rating : 866)

CERTIFICATIONS

- **Simplilearn** - Data Science with Python
- **UiPath** - UiPath Automation Explorer for Students
- **Smart Interviews** – DSA (<https://smartinterviews.in/certificate/cbd51b2d>)

ACTIVITIES

- Participated in the **Smart Interviews** initiative and received in-depth training during college, leading to a notable enhancement in problem-solving skills and improved collaboration with peers.
- Actively participated in weekly coding challenges on platforms such as **Codechef**, **Leetcode**, **Codeforces**, significantly improving algorithmic thinking and technical problem-solving abilities.